

IN THE CLAIMS

Please amend the claims as follows:

1. (currently amended) A method for producing a cylindrical body using a deposition assembly [~~consisting of~~] **having** a plurality of ~~serially-~~[~~series-~~] arranged depositors to which a starting substance is fed via medium supply lines, **said method comprising:** [~~and by means of which~~] **depositing** particles [~~are deposited~~] in layers on an [~~the~~] outer surface of a carrier rotating about [~~its~~] a longitudinal axis **thereof** to form the cylindrical body, **wherein** [~~in that~~] the deposition assembly travels through a closed path of movement in a predetermined movement sequence, said path of movement comprising at least one deposition path extending along the longitudinal axis of the carrier, [~~characterized in that~~] **wherein** the path of movement [(~~6~~)] comprises a first loop [(~~7a, 8, 27a, 28a, 30a~~)] and a second loop [(~~7b, 8, 27b, 28b, 30b~~)], **the deposition assembly, when traveling** [~~the travel~~] through the first loop [(~~7a, 8, 27a, 28a, 30a~~)] causing a right-hand twisting of the medium supply lines [(~~9~~)], and **when travelling** [~~the travel~~] through the second loop [(~~7b, 8, 27b, 28b, 30b~~)] causing a left-hand twisting of the medium supply lines [(~~9~~)].

2. (currently amended) The method according to claim 1, [~~characterized in that~~] **wherein** neighboring depositors [(~~4~~)] of the deposition assembly [(~~5~~)] **keep** **are maintained at** a [~~desired~~] **predetermined** distance **that is in a range of** [~~ranging from~~] 5 cm to 50 cm from one another, and [~~that~~] **wherein** during travel through the deposition path [(~~8; 28a; 28b, 31a, 31b, 58a, 58b, 58c, 58d~~)] the] a first depositor of the deposition assembly [(~~5~~)] follows [~~the~~] a last depositor **thereof** at a distance within the range of the [~~desired~~] **predetermined** distance.

3. (currently amended) The method according to claim 1 [~~or 2, characterized in that~~] **wherein** particles deposited by the depositors outside the deposition path [(~~8; 28a; 28b, 31a, 31b, 58a, 58b, 58c, 58d~~)] are collected by means of a collection device [(~~39~~)].

4. (currently amended) The method according to claim 1 [~~any one of claims 1 to 3~~], [~~characterized in that~~] wherein the first loop [~~(7a, 8, 27a, 28a)~~] is traveled through in a predetermined direction of rotation, and the second loop [~~(7b, 8, 27b, 28b)~~] in an opposite direction of rotation.
5. (currently amended) The method according to claim 4, [~~characterized in that~~] wherein the first loop [~~(7a, 8, 27a, 28a)~~] and the second loop [~~(7b, 8, 27b, 28b)~~] have a joint path of deposition [~~(8)~~].
6. (currently amended) The method according to claim 4, [~~characterized in that~~] wherein the loops [~~(27a, 28a, 27b, 28b)~~] have a crossing point [~~(21)~~] in common and each has at least one path of deposition [~~(28a, 28b)~~].
7. (currently amended) The method according to claim 1 [~~any one of the preceding claims~~], [~~characterized in that~~] wherein the depositors [~~(4)~~] are operated in a deposition mode [with] so as to cause deposition of particles on the outer cylindrical surface of the carrier [~~(1)~~] during travel through the deposition path [~~(8; 28a, 28b, 31a, 31b, 58a, 58b, 58c, 58d)~~] and in an idle mode without deposition of particles.
8. (currently amended) The method according to [~~claim 5 and~~] claim 7, [~~characterized in that~~] wherein not more than 50% of the depositors [~~(4)~~] of the deposition assembly [~~(5)~~] are simultaneously operated in the deposition mode.
9. (currently amended) The method according to claim 1 [~~any one of claims 1 to 3~~], [~~characterized in that~~] wherein the path of movement comprises a single loop [~~(30)~~] which is traveled through by the deposition assembly [~~(5)~~] at least once as the first loop [~~(30a)~~] and at least once as the second loop [~~(30b)~~] in the same direction of rotation, the medium supply lines [~~(9)~~], or a medium collection line [~~(33)~~] branching into the medium supply lines, [~~(9)~~] being displaced in the movement sequence such that during travel through the first loop [~~(30a)~~] a right-hand twisting of the medium supply lines or the medium collection line is produced

[obtained] and during travel through the second loop [(30b)] a left-hand twisting of the medium supply lines [(9)] or the medium collection line [(33)] is produced.

10. (currently amended) The method according to claim 9, [~~characterized in that~~] wherein the medium supply lines [(9)] are bundled into a medium collection line [(33)] which branches at a branch point [(37)] into the medium supply lines [(9)] connected to the depositors [(4)].

11. (currently amended) The method according to claim 9 [~~any one of claims 9 or 10~~], [~~characterized in that~~] wherein [~~the displacement of~~] the medium supply lines [(9)] or [~~the displacement of~~] the medium collection line [(33)] ~~includes~~ are displaced by a guiding thereof through the path of movement.

12. (currently amended) The method according to claim 9 [~~any one of claims 9 to 11~~], [~~characterized in that~~] wherein the depositors of the deposition assembly are distributed throughout the single loop [(30)] ~~is completely occupied by the depositors (4) of the deposition assembly (5)~~.

13. (currently amended) The method according to claim 9 [~~any one of the preceding claims 9 to 12~~], [~~characterized in that~~] wherein, the medium supply lines [(9)] or the medium collection line [(33)] are alternately displaced after having traveled once through the first loop [(33a)] and once through the second loop [(33b)], respectively.

14. (currently amended) The method according to claim 9 [~~any one of claims 9 to 13~~], [~~characterized in that~~] wherein before each travel through the path of movement [(6)] the medium supply lines [(9)] have a pre-twisting with a twisting direction opposite to the twisting [~~direction~~] during subsequent travel through the path of movement [(6)].

15. (currently amended) The method according to claim 9 [~~any one of the preceding claims~~], [~~characterized in that~~] wherein at least one further carrier [~~two carriers (1)~~] rotating about [~~their~~] a respective longitudinal axis thereof is [(2)] ~~are~~ provided along the path

of movement [(6)], and that the path of movement [~~(6) respectively~~] comprises, extending along each further carrier, [at least one] a respective deposition path [~~(31a, 31b, 58a, 58b, 58c, 58d) extending along each carrier (1)~~].

16. (currently amended) The method according to claim 15, [~~characterized in that~~] wherein the longitudinal axes of the [at least two] carriers [(1) have longitudinal axes (2) extending] extend in parallel with each other.

17. (currently amended) The method according to claim 9 [~~any one of claims 9 to 13 and according to claim 16~~], [~~characterized in that~~] wherein each of the depositors [(4)] has assigned thereto a main deposition direction [(23)] which extends inclined by not more than 30 degrees relative to a plane formed by the carrier [(1)].

18. (currently amended) A device for producing a cylindrical body [~~suited for carrying out the method according to any one of claims 1 to 17~~], said device comprising a deposition assembly having [consisting of] a plurality of serially disposed [series-arranged] depositors which are connected to medium supply lines [~~for the supply of~~] supplying a starting substance, and which is movable over a closed path of movement including at least one path of deposition extending along a carrier which is supported to be rotatable about [its] a longitudinal axis thereof, [~~characterized in that~~] wherein the path of movement [(6)] comprises a first loop [(7a, 8, 27a, 28a, 30a)] causing a right-hand twisting of the medium supply lines [(9)], and a second loop [(7b, 8, 27b, 28b, 30b)] causing a left-hand twisting of the medium supply lines [(9)].

19. (currently amended) The device according to claim 18, [~~characterized in that~~] wherein neighboring depositors [(4)] of the deposition assembly [(5) keep] are maintained at a predetermined [desired] distance in a range of [ranging from] 5 cm to 50 cm from one another, and [~~that the length of~~] the deposition assembly [(5)] and [~~the length of~~] the path of movement [(6) ~~are matched~~] have lengths related to one another such that during travel through the deposition path [(8; 28a; 28b, 31a, 31b, 58a, 58b, 58c, 58d) the] a first depositor

of the deposition assembly [(5)] follows [the] a last depositor at a distance within the range of the predetermined [~~desired~~] distance.

20. (currently amended) The device according to claim 18 [~~or 19~~], [~~characterized in that~~] wherein the first loop [(7a, 8, 27a, 28a)] is traveled through in a predetermined direction of rotation, and the second loop [(7b, 8, 27b, 28b)] in an opposite direction of rotation.

21. (currently amended) The device according to claim 20, [~~characterized in that~~] wherein the first loop [(7a, 8)] and the second loop [(7b, 8)] have a joint path of deposition [(8)].

22. (currently amended) The device according to claim 20, [~~characterized in that~~] wherein the loops [(27a, 28a, 27b, 28b)] have a crossing point [(21)] in common and each has at least one path of deposition [(28a, 28b)].

23. (currently amended) The device according to claim 18 [~~any one of claims 20 to 22~~], [~~characterized in that~~] wherein the first loop [(7a, 8, 27a, 28a)] and the second loop [(7a, 8, 27b, 28b)] have equal lengths [~~the same length~~].

24. (currently amended) The device according to claim 18 [~~or 19~~], [~~characterized in that~~] wherein the path of movement [(6)] comprises a closed single loop [(30)] which is traveled through by the burner assembly [(5)] at least once as the first loop [(33a)] and at least once as the second loop [(33b)] in the same direction of rotation, and further having a structure [~~that a means is provided for~~] displacing the medium supply lines [(9)] or a medium collection line [(33)] branching into the medium supply lines [(9)], in such a manner that the medium supply lines [(9)] or the medium collection line [(33)] extend to the deposition burners [(4)] during a movement sequence, alternately arriving from one side of the closed single loop [(30)] and from the opposite side of the single loop [(30)].

25. (currently amended) The device according to claim 24, ~~[characterized in that]~~ wherein the medium supply lines ~~[(9)]~~ or the medium collection line ~~[(33)]~~ can be displaced through the path of movement ~~[(6)]~~.

26. (currently amended) The device according to claim 24 ~~[or 25]~~, ~~[characterized in that]~~ wherein the medium supply lines (9) are bundled into a medium collection line (33) which branches at a branch point (37) into the medium supply lines (9) connected to the depositors (4).

27. (currently amended) The device according to claim 24 ~~[any one of claims 24 to 26]~~, ~~[characterized in that]~~ wherein the depositors of the deposition assembly are distributed throughout the single loop ~~[(30) is completely occupied by the depositors (4) of the deposition assembly (5)]~~.

28. (currently amended) The device according to claim 18 ~~[any one of the preceding device claims]~~, ~~[characterized in that]~~ wherein at least one further carrier ~~[two carriers (1)]~~ rotating about ~~[their]~~ a respective longitudinal axis thereof is ~~[(2) are]~~ provided along the path of movement ~~[(6)]~~, and that the path of movement ~~[(6) respectively]~~ comprises, extending along each further carrier, [at least one] a respective deposition path ~~[(31a, 31b, 58a, 58b, 58c, 58d) extending along each carrier (1)]~~.

29. (currently amended) The device according to claim 28, ~~[characterized in that]~~ wherein the longitudinal axes of the ~~[at least two]~~ carriers ~~[(1) comprise longitudinal axes (2) extending]~~ extend in parallel with one another.

30. (currently amended) The device according to claim 29, ~~[characterized in that]~~ wherein ~~[the]~~ a distance of the longitudinal axes ~~[(2)]~~ of the carriers ~~[(1) which are]~~ opposite to one another along the path of movement ~~[(6)]~~ can be adjusted ~~[enlarged]~~.

31. (currently amended) The device according to claim 18 [~~any one of the preceding device claims~~], [~~characterized in that~~] wherein stationary additional heaters [(39)] are provided in areas adjacent ends [~~the area~~] of the cylindrical body [~~ends~~].

32. (currently amended) The device according to claim 18 [~~any one of the preceding device claims~~], [~~characterized in that~~] wherein each of the depositors [(4)] has a central axis [(23)] and that each of the depositors [(4)] is rotatably supported about the central axis [(23)] in a mount connected to the path of movement [(6)].